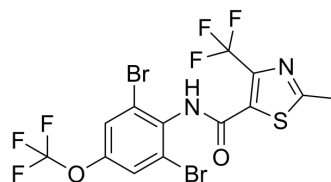


Thifluzamide

Cat. No.:	HY-B2004		
CAS No.:	130000-40-7		
Molecular Formula:	C ₁₃ H ₆ Br ₂ F ₆ N ₂ O ₂ S		
Molecular Weight:	528.06		
Target:	Fungal		
Pathway:	Anti-infection		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 29 mg/mL (54.92 mM)
 * "≥" means soluble, but saturation unknown.

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.8937 mL	9.4686 mL	18.9372 mL
	5 mM	0.3787 mL	1.8937 mL	3.7874 mL
	10 mM	0.1894 mL	0.9469 mL	1.8937 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Thifluzamide, a broad-spectrum succinate dehydrogenase inhibitor (SDHI) fungicide, has been widely used in the controlling of a variety of fungal diseases in rice fields^{[1][2]}.

REFERENCES

- [1]. Zhang Y, et al. Baseline sensitivity and resistance risk assessment of *Rhizoctonia cerealis* to thifluzamide, a succinate dehydrogenase inhibitor. *Pestic Biochem Physiol.* 2015 Oct;124:97-102.
- [2]. Yang Y, et, al. Thifluzamide affects lipid metabolism in zebrafish (*Danio reio*). *Sci Total Environ.* 2018 Aug 15;633:1227-1236.

Caution: Product has not been fully validated for medical applications. For research use only.

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